

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER 93-047

RESCINDING SITE CLEANUP REQUIREMENTS, ORDER 92-069

SWEETLAND CORPORATION/PAUL MUNROE HYDRAULICS, INC. AND T&M JOINT VENTURE NO.3

FOR THE PROPERTY LOCATED AT:

3701 Thomas Road
Santa Clara
Santa Clara County

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board) finds that:

1. From 1980 until 1991 Paul Munroe Hydraulics, Inc. and its successor in interest, the Sweetland Corporation (Sweetland/PMH) operated a mobile hydraulic equipment repair and manufacturing facility located at 3701 Thomas Road in Santa Clara (Figure 1). The facility used a 500-gallon-capacity, below-grade, concrete, oil-separation sump for drainage and collection of spent hydraulic fluid and wash-down chemical products from vehicles under repair. The sump was removed in October 1986. During removal the sump was observed to be cracked in several locations resulting in discharge of organic chemicals to soil. Analytical results of soil taken from beneath the sump in the saturated zone during the removal detected waste oil, ethylbenzene, toluene and chlorinated solvents. At that time a preliminary groundwater investigation was also conducted. Groundwater in the vicinity of the sump appeared to be impacted by chlorinated solvents, toluene and waste oil. Because this case involved chlorinated solvents, the local agency overseeing the cleanup referred it to the Board staff.
2. On May 16, 1990, the Board adopted Site Cleanup Requirements, Order 90-062, naming Paul Munroe Hydraulics, Inc. as a discharger of organic solvents and petroleum hydrocarbons to soil and groundwater. The property owner, T&M Joint Venture No.3, was named as a secondary discharger. Order 90-062 required site characterization to further define sources of pollution and the horizontal and vertical extent of soil and groundwater pollution. Order 90-062 also required that the dischargers propose final cleanup actions and provide a substantive technical basis for designing and evaluating the effectiveness of these actions.
3. Groundwater investigations conducted in 1991 as part of the site characterization


determined that the chlorinated solvents were not originating from onsite and were the result of a still unidentified upgradient source. In response to this development, the Board revised Order 90-062 by adoption of Order 92-069, which named Sweetland/PMH as a primary discharger of oil and grease detected in soil onsite because of their occupancy of the site since 1980 and use of the products. The property owner T&M Joint Venture No.3 continued to be named as a secondary discharger. Order 92-069 required continued groundwater monitoring under an amended schedule and program to evaluate the threat to the environment posed by further migration of the existing soil pollution, and to provide a substantive technical basis for design of final cleanup actions should they be required.

4. In 1992, additional investigations were conducted to determine the extent and chemical composition of pollutants remaining in soil under structures and determine their potential threat to groundwater. The results of this study are presented in the Results of Additional Investigations report dated January 29, 1993. The data indicates that there is a limited area of soils remaining which contain relatively low concentrations (<700 mg/kg) of total petroleum hydrocarbons. The hydrocarbons are characterized as a mixture of degraded motor oil and hydraulic oil. These petroleum hydrocarbons do not contain the more soluble (BTEX) constituents. The hydrocarbons remaining in soils also apparently do not contain those constituents which may constitute a health risk, such as PNAs.
5. The amended monitoring program called for quarterly monitoring of MW-3 located immediately downgradient of the source. Groundwater monitoring results in this well since October 1988, have not detected any petroleum hydrocarbons. It should be noted that MW-4 located cross-gradient to groundwater flow from the source area has detected low levels of benzene (2-3 ppb).
6. The Board has notified the dischargers (Sweetland/PMH and T&M Joint Venture No. 3) and interested agencies and persons of its intent under California Water Code Section 13304 to rescind Site Cleanup Requirements for the site, and has provided them with the opportunity for a public hearing and an opportunity to submit their written views and recommendations.
7. The Board, in a public meeting heard and considered all comments pertaining to the rescission of Site Cleanup Requirements, Order 92-069 for Sweetland/PMH and T&M Joint Venture No. 3.

IT IS HEREBY ORDERED, pursuant to Section 13304 of the California Water Code, that Order 92-069 is rescinded.

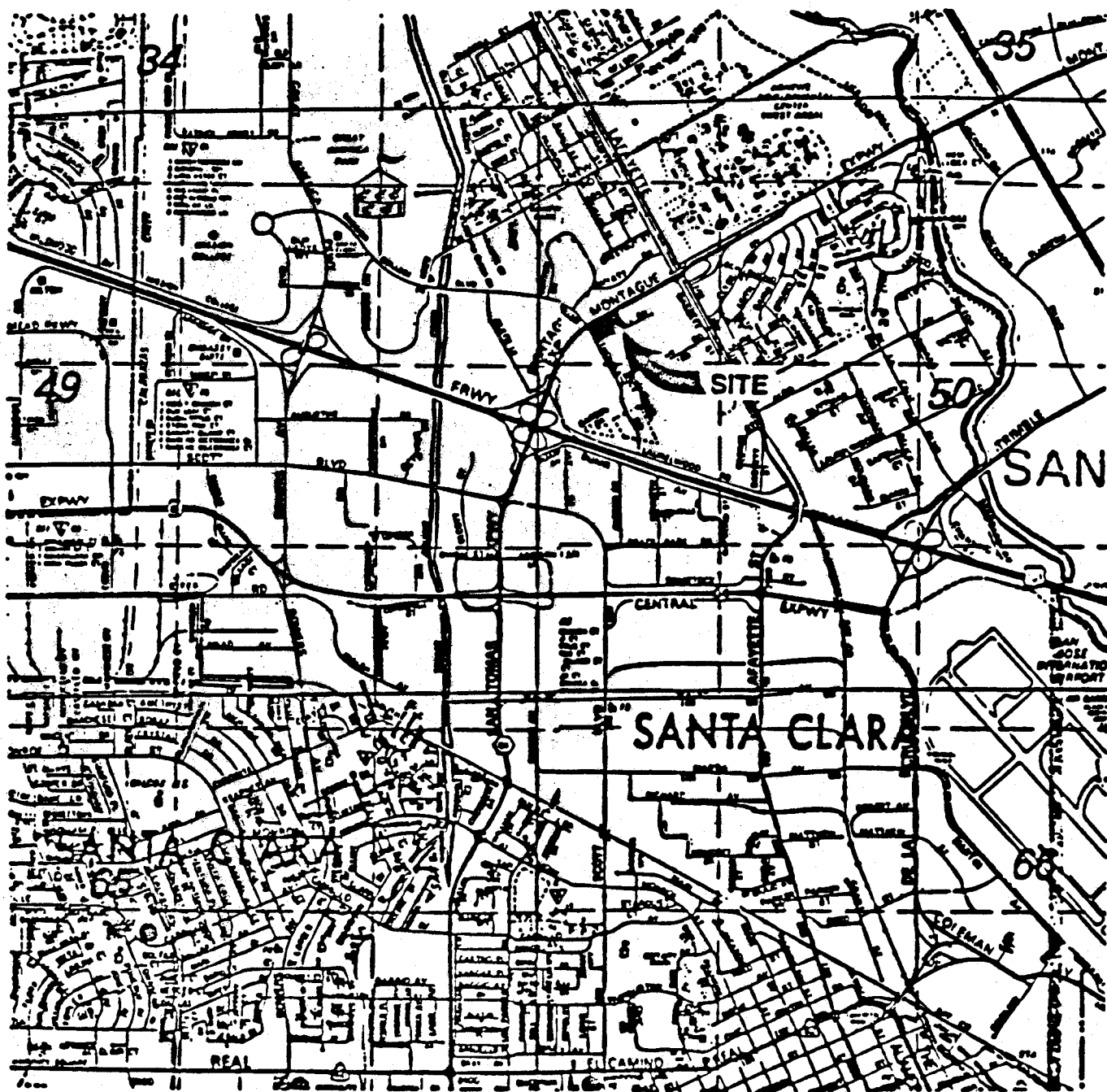
I, Steven R. Ritchie, Executive Officer, do hereby certify that the foregoing is a full, true and correct copy of any Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on May 19, 1993.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Ritchie", with a long horizontal line extending to the right.

Steven R. Ritchie
Executive Officer

Attachments: Figure 1 (site map)



0 1/2 1
 (Approximate Scale in Miles)



**Erler &
 Kallnowski, Inc.**

Site Location Map

Paul-Munroe Hydraulics, Inc.
 Santa Clara, CA
 September 1991
 EKI 910015.00
Figure 1